

Distributed Oceanographic Match-up Service (DOMS)

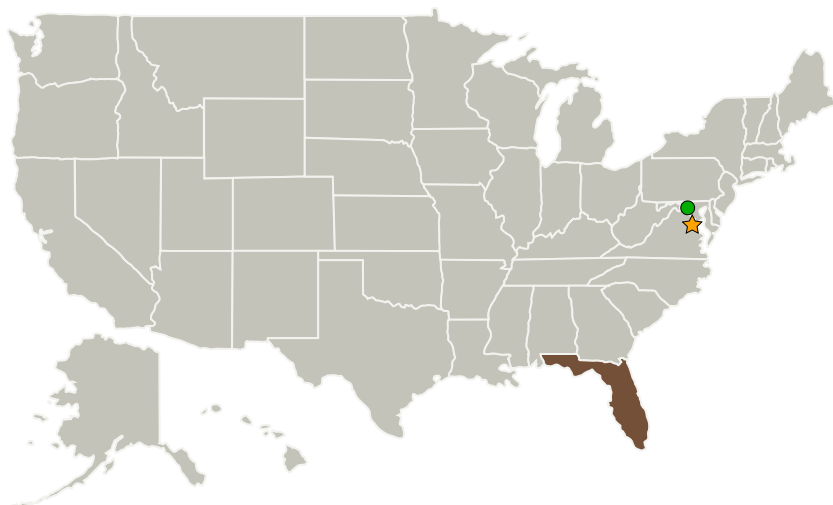
Completed Technology Project (2015 - 2017)



Project Introduction

The project will develop match-up specification. It will also install and test Extensible Data Gateway (EDGE) and webification at FSU, National Center for Atmospheric Research (NCAR) and JPL. It will also design three-way coordinated network communications, design DOMS web portal and service. Additionally it will implement web services and portal. Finally the project will conduct functionality, performance, and load testing.

Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★ NASA Headquarters(HQ)	Lead Organization	NASA Center	Washington, District of Columbia
Florida State University(FSU)	Supporting Organization	Academia	Tallahassee, Florida
● Goddard Space Flight Center(GSFC)	Supporting Organization	NASA Center	Greenbelt, Maryland



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Organizational Responsibility

Responsible Mission Directorate:

Science Mission Directorate (SMD)

Lead Center / Facility:

NASA Headquarters (HQ)

Responsible Program:

Earth Science

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Primary U.S. Work Locations

Florida

Project Management

Program Director:

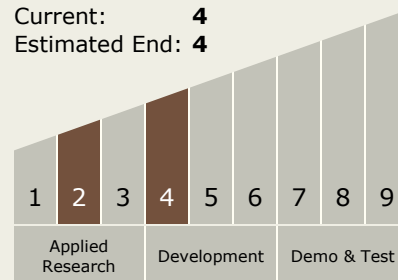
George J Komar

Principal Investigator:

Shawn L Smith

Technology Maturity (TRL)

Start: 2
Current: 4
Estimated End: 4



Technology Areas

Primary:

- TX11 Software, Modeling, Simulation, and Information Processing
 - └ TX11.4 Information Processing
 - └ TX11.4.5 Cyber Infrastructure

Target Destination

Earth